

CLAIMS

1. A door threshold structure to be at least partially located beneath a door when the door is in a closed position, the door threshold structure comprising:
a door threshold including a main body;
wherein, on at least one side of the main body of the door threshold, there are provided upper and lower members extending from the main body in spaced apart relation from one another so that the upper and lower members are at least partially substantially parallel to one another; and
wherein a gap between the spaced apart upper and lower members receives an end of a carpet.
2. The door threshold structure of claim 1, wherein additional upper and lower members extend from the main body from another side thereof and define another gap therebetween for receiving an end of another piece of carpet.
3. The door threshold structure of claim 1, wherein the upper member is flexible and an end thereof is biased downwardly toward an end of the bottom member in order to grip the carpet that is located between the upper and lower members.
4. The door threshold structure of claim 1, wherein a base of the door threshold comprises first and second feet which are spaced apart from one another, each of the feet being at least part of a lower member and having a bottom surface that is saw-tooth shaped.
5. The door threshold structure of claim 1, wherein at least part of a bottom surface of the door threshold is saw-tooth shaped.
6. The door threshold structure of claim 1, further comprising a riser located beneath the door threshold, wherein an upper surface of the riser and a lower surface of the door threshold are engaged in an interlocking manner so that the riser is used to adjust a height of the door threshold.

7. The door threshold structure of claim 1, wherein a sweep having a plurality of flexible fins is provided at the bottom of the door located above the threshold when the door is in the closed position.

8. The door threshold structure of claim 1, further comprising:
a bracket to be mounted to a door frame adjacent the threshold, wherein the bracket comprises first and second spaced apart and substantially parallel vertically extending members;

wherein the first vertically extending member of the bracket is attached to the door frame; and

wherein the second vertically extending member of the bracket is located at least partially in a slit defined in a bottom surface of the door threshold.

9. The door threshold structure of claim 1, further comprising:
an elongated first pan mounted to opposing sides of a door frame, and further being located at least partially beneath the door threshold so as to at least partially support the door threshold;

the pan comprising first and second spaced apart vertically extending sidewalls; and

wherein the door threshold is mounted on the pan between the first and second spaced apart vertically extending sidewalls of the pan.

10. The door threshold structure of claim 9, wherein fasteners extend through the first and second sidewalls of the pan and into the door threshold in order to attach the threshold to the pan.

11. The door threshold structure of claim 10, wherein the fasteners comprise nails.

12. The door threshold structure of claim 9, further comprising first and second spaced apart levelers, each of the first and second levelers comprising a screw and a support member threadedly engaged therewith, and wherein the screws of the levelers

extend through respective apertures in a base portion of the pan and can be used to adjust a height of the door frame.

13. The door threshold structure of claim 9, further comprising:

a bracket to be mounted to the door frame and over at least part of the pan, wherein the bracket comprises first and second spaced apart and substantially parallel vertically extending members;

wherein the first vertically extending member of the bracket is attached to the door frame, and the second vertically extending member of the bracket is located at least partially in a slit defined in the door threshold.

14. The door threshold structure of claim 9, wherein an end of the pan is located under the door frame.

15. The door threshold structure of claim 9, further comprising a second pan located at least partially over the first pan, wherein sidewalls of the second pan are located between the sidewalls of the first pan.

16. The door threshold structure of claim 15, further comprising levelers located at least partially between the first and second pans so that a height of the threshold can be adjusted relative to the first pan via said levelers.

17. The door threshold structure of claim 1, further comprising a wedge-shaped shim located under both a door frame and at least part of the door threshold.

18. A door threshold structure comprising:

a door threshold to be located at least partially under a bottom surface of a door when the door is in a closed position;

a bracket to be mounted to a door frame adjacent the threshold, wherein the bracket comprises first and second spaced apart vertically extending members;

wherein the first vertically extending member of the bracket is attached to the door frame; and

wherein the second vertically extending member of the bracket is located at least partially in a slit defined in a bottom surface of the door threshold.

19. A door threshold structure comprising:
a door threshold to be located at least partially under a bottom surface of a door when the door is in a closed position;
an elongated pan mounted to opposing sides of a door frame, and further being located at least partially beneath the door threshold;
the pan comprising first and second spaced apart sidewalls; and
wherein the door threshold is mounted on the pan at least partially between the first and second spaced apart sidewalls of the pan.